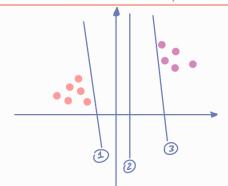
The series of t Minimize the sum-of-squares error function in the diagonal closed-form solution $\widetilde{W}^* = (\widetilde{X}^T \widetilde{X})^{-1} \widetilde{X}^T T$ pinu(\times)·T in watlab/numpy prends inverse of \times you find the squared nous of each column

$$y(x) = \widetilde{W}^T \widetilde{x} = \begin{pmatrix} y_1(x) \\ \vdots \\ y_n(x) \end{pmatrix}$$
 $k = \underset{i \in [1, \dots, k]}{\operatorname{argmax}} \begin{pmatrix} y_1(x) \\ \vdots \\ y_n(x) \end{pmatrix}$

Problem: not robust to Cutliers a.K.a. points in the dataset that possibly comes from a different

Outlier: an outlier is a data point that differs significantly from other observations



- 1 possible solution with small p
- 2 not a possible solution with small p

 3 possible solution with small p

Solution @ should be instead preferable since it better classifies instances not in the dataset